

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2005/050399

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06K9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| P,X | FAN J., DIMITROVA N. AND PHILOMIN V.: "online face recognition system for videos based on modified probabilistic neural networks" ICIP 2004, 24 October 2004 (2004-10-24), XP002325050 SINGAPORE whole document ----- -/-- | 1-24 |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family.

Date of the actual completion of the international search

18 April 2005

Date of mailing of the international search report

28/04/2005

Name and mailing address of the ISA

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
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| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| X | OKADA K ET AL: "Automatic video indexing with incremental gallery creation: integration of recognition and knowledge acquisition" KNOWLEDGE-BASED INTELLIGENT INFORMATION ENGINEERING SYSTEMS, 1999. THIRD INTERNATIONAL CONFERENCE ADELAIDE, SA, AUSTRALIA 31 AUG.-1 SEPT. 1999, PISCATAWAY, NJ, USA, IEEE, US, 31 August 1999 (1999-08-31), pages 431-434, XP010370975 ISBN: 0-7803-5578-4 section 2 | 1-6, 9-15, 17-24 |
| A | GONG S. ET AL.: "dynamic vision, from images to face recognition" 2000, IMPERIAL COLLEGE PRESS , XP002325051 pages 134-36 section 7.5 pages 145-147 section 7.8 pages 218-226, section 10.4-10.6 pages 242-247, section 11.4 | 1-24 |
| A | RAGINI CHOUDHURY VERMA ET AL: "FACE DETECTION AND TRACKING IN A VIDEO BY PROPAGATING DETECTION PROBABILITIES" IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, IEEE INC. NEW YORK, US, vol. 25, no. 10, October 2003 (2003-10), pages 1215-1228, XP001185255 ISSN: 0162-8828 section 4 | 1-24 |
| A | ARYANANDA L ED - INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "Recognizing and remembering individuals: online and unsupervised face recognition for humanoid robot" PROCEEDINGS OF THE 2002 IEEE/RSJ INTERNATIONAL CONFERENCE ON INTELLIGENT ROBOTS AND SYSTEMS. (IROS 2002). LAUSANNE, SWITZERLAND, SEPT. 30 - OCT. 4, 2002, IEEE/RSJ INTERNATIONAL CONFERENCE ON INTELLIGENT ROBOTS AND SYSTEMS, NEW YORK, NY : IEEE, US, vol. VOL. 1 OF 3, 30 September 2002 (2002-09-30), pages 1202-1207, XP010609582 ISBN: 0-7803-7398-7 section 5 | 1-24 |
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Int. Application No
PCT/JP2005/050399

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
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| A | US 2002/176609 A1 (HSIEH CHUN-WEI ET AL) 28 November 2002 (2002-11-28) paragraphs '0010!, '0019!, '0020!, '0032!, '0033! claims 1,8 ----- | 1-24 |

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| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
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| US 2002176609 A1 | 28-11-2002 | TW 505892 B | 11-10-2002 |